BOROUGH OF CHELMSFORD

ANNUAL -O- REPORT

of the

MEDICAL OFFICER OF HEALTH

for the

Year Ended 31st December, 1940.

Including the

REPORTS OF THE CHIEF SANITARY INSPECTOR

and the

VETERINARY INSPECTOR.

J. MERVYN THOMAS, M.D., B.Sc., D.P.H.,

Medical Officer of Health and
School Medical Officer.
Medical Officer, Maternity
and Child Welfare.
Medical Superintendent,
Joint Isolation Hospital.

R. W. WYNN, C.R.S.I., M.S.I.A.,

Chief Sanitary Inspector.

BOROUGH OF CHELMSFORD

PUBLIC HEALTH OFFICERS OF THE BOROUGH.

MEDICAL OFFICER OF HEALTH:
J. MERVYN THOMAS, M.D., B.Sc., L.R.C.P., D.M.R.E., D.P.H.,

CHIEF SANITARY INSPECTOR:
R. F. WYNN, C.R.S.I., M.S.I.A.

SECOND SANITARY INSPECTOR :
E. A. SELLAR, M.R.S.I., M.S.I.A.

HEALTH VISITORS :

Miss E. E. GLASCODINE, S.R.N., S.C.M., H.V. Cert.
Miss K. FINCH, S.R.N., S.C.M., New H.V. Cert. (Appointed April 1940)
Miss S. L. HOWELLS, S.R.N., S.C.M., New H.V. Cert.(Appointed April 1940)

DENTAL SURGEON :
FRANCIS V. MAGUIRE, L.D.S., R.C.S.,(Eng.)

DENTAL ATTENDANT :
Miss D. M. BARNES.

CHIEF CLERK :
T. W. BUNTER, M.R.S.I.,

CLERKS :

G. D. H. BROWN.
H. H. THOMAS (Resigned August 1940)
D. G. RUMSEY (Appointed September, 1940)
S. V. EDWARDS : Sanitary Inspector's Clerk. (On Active Service)
R. ROOTS, Temporary Sanitary Inspector's Clerk.

PART-TIME OFFICERS

CONSULTING GYNAECOLOGIST :
R. CHRISTIE BROWN, M.S., F.R.C.S., M.C.O.G.,

VETERINARY INSPECTOR :
LIEUT.-COL. W. S. MULVEY, O.B.E., T.D., F.R.C.V.S.

BOROUGH OF CHELMSFORD

Public Health Department,
Coval Lane,
Chelmsford.

20th July, 1941.

To, the Mayor, Aldermen and Councillors
of the Borough of Chelmsford.

Mr. Mayor, and Gentlemen,

To comply with the requirements of the Ministry of Health Circular 2314 the following Statistical Review for the Year 1940 is appended. No preliminary Survey has been included in order that the report may be as short as possible.

I have the honour to be,
Your obedient servant,
J. MERVYN THOMAS.
Medical Officer of Health.

Statistics and Social Conditions of the Area.

AREA (in acres)	4,755
POPULATION	33,040 (Registrar-General's estimate of resident population mid-year 1940) 26,537 (Census 1931)
NUMBER OF INHABITED HOUSES (end of 1940) according to Rate Books	10,029
RATEABLE VALUE .. .. .. (at 1st April, 1940)	£338,146
SUM REPRESENTED BY A PENNY RATE FOR 1940/1941	£1,350

Extracts from Vital Statistics.

BIRTHS.

		Total.	Male.	Female.	
Live Births	Legitimate	472	238	234	Birth Rate per 1,000 of the estimated resident population mid-1940:- 14.8
	Illegitimate	17	8	9	
	Totals	489	246	243	
Still Births	Legitimate	15	13	2	Rate per 1,000 total (live and still) births:- 29.76
	Illegitimate	-	-	-	
	Totals	15	13	2	

DEATHS.

All Causes	367	177	190	Death Rate per 1,000 of the estimated resident population:- 11.1
Deaths from Puerperal causes:-				
Puerperal Sepsis ..	Nil			Rate per 1,000 total (live and still births).
Other Puerperal ..	Nil			

Death Rate of Infants under one year of age:-

All Infants per 1,000 live births	57.25
Legitimate infants per 1,000 legitimate live births	56.37
Illegitimate infants per 1,000 illegitimate live births	66.67

Deaths from Cancer (all Ages)	44
Deaths from Measles (all Ages)	1
Deaths from Whooping Cough (all ages)	Nil
Deaths from Diarrhoea, etc. (under 2 years of age) ..	Nil

Deaths

DEATHS AT VARIOUS AGES DURING 1940

-1	1-2	2-5	5-15	15-25	25-35	35-45	45-55	55-65	65-75	75 +
28	2	-	6	2	21	21	31	51	89	116

DEATHS FROM ALL CAUSES 1940.

Causes of Death	Males	Females	Total
Typhoid and Paratyphoid Fevers	-	-	-
Measles	-	1	1
Scarlet Fever	-	-	-
Whooping Cough	-	-	-
Diphtheria	-	-	-
Influenz a	1	1	2
Cerebro-spinal Fever	-	-	-
Tuberculosis of the Respiratory System.	4	9	13
Other Tuberculous Disease	-	-	-
Syphilitic Diseases	2	-	2
Cancer of b. cav. & oesoph: (M) uterus(F	3	3	6
Cancer of Stomach & duodenum	5	2	7
Cancer of breast.	-	8	8
Cancer of all sites	12	11	23
Diabetes..	4	3	7
Intra Cran: Vasc: Lesions	18	21	39
Heart Disease	40	36	76
Other Circulatory Diseases	3	2	5
Bronchitis	15	14	29
Pneumonia.	8	13	21
Other Respiratory Diseases	5	4	9
Ulcer of Stomach or duodenum	1	1	2
Diarrhoea etc. (under 2 years of age)..	1	-	1
Appendicitis	2	-	2
Other digestive Diseases	3	3	6
Nephritis.	8	3	11
Puerperal and Post-abort: Sepsis ..	-	-	-
Other Maternal Cases	-	-	-
Congenital Debility, Premature Birth, Malformations etc	5	7	12
Premature Birth..	6	4	10
Suicide..	-	-	-
Violent Causes	8	14	22
Road Traffic Act.	2	1	3
All Other Causes.	21	29	50
Poliomyelitis	-	-	-
Ac. Inf. Encephalitis	-	-	-
Totals..	177	190	367

BIRTH RATES, CIVILIAN DEATH RATES, ANALYSIS OF MORTALITY, MATERNAL MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1940.

(Provisional figures based on Weekly and Quarterly Returns)

	England & Wales	126 County Borough & Great Towns including London.	148 Smaller Towns (Resident Pop. 25,000 to 50,000 at 1931 Census.)	London Adm. County.
	Rates per 1,000 Civilian Population.			
Births.				
Live	14.6	16.0	15.7	13.7
Still..	0.55	0.64	0.55	0.44
Deaths.				
All causes	14.3	15.8	12.8	17.8
Typhoid & Paratyphoid.	0.00	0.00	0.00	0.00
Scarlet Fever. ..	0.00	0.00	0.00	0.00
Whooping Cough ..	0.02	0.02	0.02	0.00
Diphtheria	0.06	0.07	0.05	0.01
Influenza	0.32	0.29	0.30	0.18
Smallpox	–	–	–	–
Measles	0.02	0.02	0.02	0.01
Notifications.				
Enteric	0.07	0.06	0.10	0.06
Cerebro Spinal Fever..	0.32	0.33	0.29	0.28
Scarlet Fever. ..	1.63	1.53	1.57	0.82
Whooping Cough ..	1.34	1.29	1.35	0.22
Diphtheria	1.16	1.29	1.21	0.61
Erysipelas	0.33	0.36	0.30	0.35
Smallpox	–	–	–	–
Measles	10.24	9.23	9.99	1.78
Pneumonia	1.20	1.37	1.00	0.87
	Rates per 1,000 Live Births.			
Deaths under 1 year of Age	55	61	54	50
Deaths from Diarrhoea Enteritis under 2 years of age..	4.6	5.9	4.4	5.8
	Rates per 1,00 Total Births (Live and Still)			
Maternal Mortality. (Excluding Abortion)				
Puerperal Infection (No. 147) ..	0.52	Not available		
Others	1.64			
Total	2.16			
Notifications.				
Puerperal Fever / " Pyrexia ..	11.96	13.90	9.73	3.34 13.30 * including Puerperal Fever.

General Provision of Health Services.

UBLIC HEALTH OFFICERS OF THE AUTHORITY.

See page 2.

URSING IN THE HOME.

a) General
There are four District Nurses practising in the Borough.

ABORATORY FACILITIES.

Pathological and bacteriological examinations and analyses of ater, milk, food, etc., are made by the Counties Public Health aboratories.

EGISLATION IN FORCE.

Ministry of Health Circulars and amendments received during the ear are mentioned under the headings to which they apply.

SPITALS.

Chelmsford and Essex Hospital and Dispensary (Voluntary).

Accomodation:-

	Males	Females	Total
General Medical	24	25	49
General Surgical	42	27	69
Children, medical and surgical ..	-	-	27
Private Wards	-	-	10
Total	..	..	155

Details of the Out-Patients Department are as follows:-

Massage, Electrical and Sunlight Departments.	These departments are open daily.
X-Ray Department	The Radiologist attends at the Hospital on Monday, Wednesday and Friday afternoons.
Casualty Department	This department is open daily.

Out-patients Clinics ..

Tuesday - 11 a.m. ..	Surgical Genito-Urinary	Mr. L. D. Sheppard
- 3.30 p.m...	Ear, Nose and Throat.	Mr. Martin Henry.
Thursday 10 a.m. ..	Diabetic Cases	Dr. F. E. Camps
Friday 10 a.m. ..	Surgical Orthopaedic	Mr. H.A.H. Harris.
1.30 p.m. ..	Ophthalmic	Dr. S. G. Corner
Saturday 10 a.m. ..	Medical Pathological	Dr. F. E. Camps.

The following Essex County Council Clinics are held at the Hospital:-

Tuesday 2 p.m.	Ante-natal
6 p.m.	Venereal Disease.
Wednesday 10 a.m...	Tuberculosis
1.30 p.m.	Mental Diseases.
(2nd, 4th and 5th in each month)	
Fridays 11 a.m.	Venereal Diseases.

helmsford Public Assistance Institution. (Managed by the Essex County Council).

he Chelmsford Joint Isolation Hospital.

	Males	Females	Total
Diphtheria Block	4 ..	6 ..	10
Scarlet Fever Block	6 ..	5 ..	11
Do. for observation..	1 ..	1 ..	2
Pavilion (S.F. or other diseases) ..	10 ..	10 ..	20
Do. for observation	1 ..	1 ..	2
Total..			45

MBULANCE FACILITIES.

(a) For Infectious Cases. A motor ambulance is maintained by the helmsford Joint Hospital Board for conveyance of patients. In addition n older motor ambulance is in use for carrying articles for disinfection nd disinfestation to and from the hospital.

(b) For Non-Infectious and Accident Cases; and

(c) For Maternity Patients.

These cases are dealt with by the St. John's Ambulance Brigade under greement with the Town Council at an inclusive cost of £275 per annum.

The number of cases dealt with in 1940, and the mileage covered by he ambulance are as follows:-

72 Accidents	298 miles.
419 removals	1,676 miles
491 cases	1,974 miles.

This scheme automatically solves the problem of co-ordination f ambulance services with neighbouring authorities. The St. John's mbulances are, of course, not restricted to the Borough. They also erve the surrounding district.

ALLPOX.

Arrangements as in previous years.

ATERNITY.

Our arrangements for the institutional treatment at St. John's ospital, Wood Street, of cases of complications arising during regnancy or confinement, and for cases where the home environment unsatisfactory, remains as before.

During the year it has become apparent that some cases have mained in the St. John's Hospital longer than the pre-arranged days. It was decided on 16th September, 1940 to write the ospital asking that where cases remain over and above 14 days, is department should automatically be informed.

115 Borough Cases were admitted to St. John's Hospital for nfinement during the year.

CASES TREATED IN ISOLATION HOSPITAL.

onth	Scarlet Fever	Diphtheria	Erysipelas	Measles	Mumps	Typhoid	Whooping Cough	Meningitis	Cerebral Abscess	Encephalitis	Chicken Pox	German Measles	Influenza	Tonsilitis	Scabies	Impetigo	Other Diseases	Total.
nuary	5	3	-	-	-	-	-	-	-	-	10	9	5	1	2	-	1	36
bruary	7	1	-	-	-	-	-	4	-	-	14	16	1	2	-	-	2	47
rch	7	2	-	-	-	-	-	4	-	-	4	5	1	2	-	-	2	27
ril	10	1	1	-	-	-	-	3	-	-	1	-	-	1	2	-	1	20
y	6	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	10
ne	4	1	1	-	-	1	-	-	-	-	-	-	-	-	1	-	-	8
ly	2	1	-	-	1	-	4	1	-	-	-	-	-	-	1	-	-	10
gust	11	2	-	-	-	-	5	-	-	-	-	-	-	-	-	-	1	19
ptember	6	2	1	-	-	-	-	-	-	-	1	-	-	3	1	-	-	14
tober	6	1	-	2	-	-	1	-	-	1	1	-	-	2	2	-	-	16
vember	4	1	-	-	-	-	1	-	1	-	-	-	1	-	-	6	1	15
cember	8	3	-	2	-	-	-	-	-	-	-	-	-	1	3	-	-	17
tals	76	20	3	4	1	1	11	12	1	1	31	30	8	12	14	6	8	239
tients maining om 1939	2	1	-	-	-	-	-	1	-	-	2	2	-	-	-	-	-	8
tal patients treat- during 40	78	21	3	4	1	1	11	13	1	1	33	32	8	12	14	6	8	247
scharged ring the ar	72	19	3	3	1	1	11	11	-	1	33	32	8	12	14	6	8	235
aths	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	3
tients maining December st 1940.	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	9

f the 239 patients admitted during the year, 95 came from the orough of Chelmsford, 85 from the Chelmsford Rural District, 3 from Ongar, 1 from Maldon, 2 from Hutton, and 3 from Harlow.

Maternity and Child Welfare

LINIC AND TREATMENT CENTRES.

These are as set out in the Table on Page 13.

TTENDANCES AT INFANT WELFARE CENTRES.

On 23rd September, 1940 it was decided to discontinue the two eekly Maternity and Child Welfare Clinics held on Tuesday and hursday afternoons but it was possible to return to the previous rrangement on 1st December, 1940. In the interval, arrangements ere made to advise urgent cases any morning between 9 and 11 'clock excluding Saturday. This will account for the apparent ecrease in attendances at these clinics during the year. The ttendances were as follows:-

Children under 1 year	3182
Children between 1 and 5 years.. ..	2248
Total	5430

Number who attended for the first time during the year:-

Children under 1 year	231
Children between 1 and 5 years ..	204
Total	435

NTE-NATAL CLINIC.

Attendances during the year 148

OST-NATAL CLINIC.

Attendances during the year 5

The Ante-Natal Clinic is held on the first and third Wednesday n each month. Mothers are encouraged to attend 6 weeks or so after onfinement for post-natal examination.

In addition, married women, where pregnancy would endanger ealth, are, on their request, given instruction in Birth Control.

AY NURSERY.

A Day Nursery was under consideration by the Education Committee nd in collaboration with the W.V.S. one or two rooms were obtained Friar's School for use as a Day Nursery for Toddlers between the ges of 2 and 5 years. However, the W.V.S. reported closure of this rsery on 4th October 1940 after being in operation since the 6th gust. Regular attendance of your Medical Officer and Health sitors were made during this period.

The Chief difficulties appeared to be:-

(a) Difficulty in bringing toddlers first thing in the morning and receiving them at night, particularly in the "Black-out"
(b) Financial arrangements, this being on a voluntary basis.
(c) Difficulty in obtaining suitable accommodation.
(d) Difficulty in obtaining suitable teachers and staff.

The maximum attendance was 6 and the minimum 2.

The main difficulty would appear to be met better by the addition of a Nursery Class or just Nursery to certain selected schools. It would then be possible for older children to take their toddler brothers and sisters along with them and thus obviate the chief obstacle.

MILK.

During the year an alternative scheme for a graded scale for the supply of fresh milk, free and at half-price, to nursing and expectant mothers and children under 5 years of age was submitted, accepted and put into operation from 1st May, 1940. This also applied to Dried Milk. On 24th June, 1940 in a Ministry of Health Circular 2053, the Ministry of Food took over the milk arrangements in a National Scheme. This came into operation on 1st July, 1940. A National Dried Full Cream Milk became available to the public at fixed prices irrespective of their financial position. Supplementary allowances were possible on the signature of the Clinic Medical Officer. A Half Cream Dried Milk Packet has now been added and both Full and Half Cream packets are available on recommendation.

On the whole the milk has appeared satisfactory and accepted readily by the public after trial and gives rise to few clinic problems. The reverse result had been anticipated in many places. One fault would appear to be that a nursing mother can either obtain the wet or dried variety but not both. This leads to some difficulty in the advising on supplementary feeding. The Ministry of Health were made cognisant of this fact but no alteration in the administration was found possible. The milk arrangements were therefore transferred to the Milk Office in the Public Library.

The Maternity and Child Welfare Committee however instituted a scheme to supplement feeding in necessitous and difficult cases on the recommendation of the Medical Officer.

MUNICIPAL MIDWIVES.

The needs of this Service gave consideration to the appointment of a fifth Midwife. Approval was obtained from the Essex County Council and as a result, Miss M. F. Wilkins of Gray's, Essex, took up her duties with the Borough in June, 1940. The following Midwives are now employed in the Borough:-

(1)	Ritchie, Mrs. M. E.	..	79 Springfield Park Avenue.
(2)	Illingworth, Mrs. E.	..	40 Kings Road.
(3)	Miller, Miss E. M.	..	"Lonicera" St. Mildred's Road.
(4)	Westlake, Miss I. G.	..	"Hemmingway" 65 First Avenue,
(5)	Wilkins, Miss M. A.	..	50 Bruce Grove.

There are 5 other certified midwives in practice in the area and 1 Registered Nursing Home, St. John's Nursing Home, Broomfield Road.

INSPECTION OF NURSING HOMES, ETC.

Inspections are carried out by the Essex County Council, which is the Local Supervising Authority.

DENTAL SERVICE.

Dental treatment for expectant and nursing mothers and children under five years of age has been carried out during the year, and the following is a summary of the work done:-

No. of Patients	129
Attendances made by patients	411
Fillings -	
Permanent teeth..	125
Temporary teeth..	63
Extractions -	
Permanent teeth..	107
Temporary teeth..	91

Other operations -

Permanent teeth	105
Temporary teeth	135
Administrations of general anaesthetic for extractions..	79

PUBLIC HEALTH ACT 1936. CHILD LIFE PROTECTION.

(a) Number of persons who were receiving children for reward at the end of the year 13

(b) Number of children on Register -

(1)	At the end of the year..	21
(2)	Who died during the year	Nil
(3)	On whom inquests were held during the year ..	Nil

(c) Proceedings taken during the year-

(1)	Number of cases	Nil
(2)	Act and Section under which the proceedings were taken	Nil.

HEALTH VISITING.

The Health Visitors have made the following visits during the year:-

	1st Visits	Total Visits
To expectant mothers	44	83
To children under 1 year of age ..	549	1537
To children between the ages of 1 and 5 years..	-	1576
Totals..	593	3,196

INSTITUTIONAL PROVISION FOR -

(a) Unmarried mothers. The only arrangement is that supplied by the Public Assistance Committee of the Essex County Council. After the lying-in period, however, they may be helped by the Girls' Aid Society, who have a Hostel just outside the Borough.

(b) Illegitimate Infants

(c) Homeless Children

The Public Assistance Institution is available.

CLINIC AND MEDICAL FACILITIES.

In a Circular 2204, Local Authorities were asked to make available full facilities to Evacuated Civil Population and also to evacuated or homeless persons. This has been carried out where necessary in Chelmsford.

PREVENTION OF BLINDNESS.

No cases occurred requiring action under Section 176 of the Public Health Act, 1936.

CLINIC AND TREATMENT CENTRES.

Name	Accommodation	Purpose.	Sessions	By Whom Provided.
Minor Ailments Clinic	Public Health Offices, Coval Lane.	Consultation and treatment of School Children.	Daily 9 to 10 a.m.	Local Authority.
Eye Clinic.	Public Health Offices, Coval Lane.	Consultation and treatment of School Children.	When necessary & by appointment.	Local Authority.
Dental Clinic.	Public Health Offices, Coval Lane.	(a) Treatment of School Children. (b) Treatment for Expectant and Nursing Mothers and for Infants.	(a) Daily by appointment. (b) 3 Sessions per month; by appointment.	Local Authority.
Maternity and Child Welfare Centres.	Public Health Offices, Coval Lane.	Consultation.	Tuesdays and Thursdays, 2 to 4.30 p.m.	Local Authority
Ante-Natal Clinic.	Public Health Offices, Coval Lane.	Consultation.	1st and 3rd Weds. in each month 2.30 to 4.30 p.m.	Local Authority.
Post-Natal Clinic.	Public Health Offices, Coval Lane.	Consultation.	2nd Wednesdays in each month 2.30 p.m. to 4.30 p.m.	Local Authority.
Orthopaedic Clinic.	Public Health Offices, Coval Lane.	Consultation and Treatment	2nd and 4th Monday in each month at 1.30 p.m.	Joint Local Authority and Essex County Council.
Aural Clinic.	Public Health Offices, Coval Lane.	Consultation and Treatment	By arrangement with the Specialist	Joint Local Authority and Essex County Council.
Tuberculosis Dispensary.	Chelmsford and Essex, Hospital, London Road.	Consultation and Treatment	Wednesday 10 a.m.	Essex County Council
Ante-Natal Clinic.	Chelmsford and Essex Hospital, London Road.	Consultation for Chelmsford District cases only. Not for Borough Cases.	1st and 3rd Tuesday each month. 2-15 p.m.	Essex County Council
Venereal Disease Clinic	Chelmsford and Essex Hospital, London Road.	Consultation and Treatment	Tuesday 6 to 7 p.m. Fridays 11 a.m. to 12 noon.	Essex County Council

Sanitary Circumstances in the Borough.

WATER.

Water Analyses (Drs. Beale and Suckling).

Point of Sampling.	Admirals Park Tower, Mixed Supply.	Sandford Mill Rising Main at Longstomps.	Mildmay Road Rising main at Longstomps (mixed supply)
Date.	4.11.40	4.11.40	4.11.40
Appearance	Clear & Bright	Bright-very sl. white deposit of mineral matter. Turbidity 3 p.p.m	Clear & Bright.
Colour.	Normal	Normal	Normal
Odour	Nil	Nil	Nil
Reaction pH	Neutral 7.0	Fe. Alkaline 8.5	Neutral 7.0
Free Carbonic Acid	4.4	Nil	4.8
Electric Conductivity at 20 C	345	375	1180
Total Solids dried at 180°C	63.0	25.0	79.0
Chlorine in Chlorides	12.1	4.1	17.6
Alkalinity as Calcium Carbonate	28.5	2.5	29.5
Hardness: Total	24.0	10.5	23.0
Temporary	24.0	0.5	23.0
Permanent	0.0	10.0	0.0
Nitrogen in Nitrates	0.46	0.26	0.80
Nitrites	Minute Trace	Trace	Distinct Trace
Free Ammonia	0.0176	0.0018	0.0192
Ammoniacal Nitrogen	-	-	-
Albuminoid Ammonia	0.0004	0.0072	0.0008
Oxygen absorbed in 4 hrs. at 27°C	0.030	0.055	0.030
Metals	Iron: 0.003	Absent	Iron: 0.003
Free Chlorine	0.08 p.p.m.	0.15 p.p.m.	Absent
Number of "Bacteria" growing on Agar per c.c. or ml in			
1 day at 37°C	2	1	1
2 days at 37°C	2	1	4
3 days at 20°C	7	1	6
Presumptive Coliform Reaction. Absent from	100 c.c.	100 c.c.	100 c.c.
B. Coli. Absent from	100 c.c.	100 c.c.	100 c.c.
Cl. Welchii Reaction Absent from	100 c.c	100 c.c.	100 c.c.

REPORTS.

Admirals Park Tower. This is a satisfactory sample. It is clear and bright in appearance, contains no excess of saline or mineral matter in solution and no metals apart from a negligible trace of iron.

It is hard in character although not to an excessive degree, of satisfactory organic quality and a high degree of bacterial purity.

These results are consistent with a wholesome water, suitable for the purposes of public supply.

Sandford Mill Rising Main at Longstomps. This sample is not quite clear and bright, containing a minute trace of mineral debris in suspension but it is not unduly turbid and has no colour.

The water is faintly alkaline in reaction, has very moderate hardness, contains no excess of saline or mineral matter insolution and no iron or other metals. It is of satisfactory organic quality and a high degree of bacterial purity and is considered satisfactorily purified water, wholesome in character and suitable for the purposes of a public supply.

Mildmay Road Rising Main at Longstomps. This sample is clear and bright in appearance and contains no metals with the exception of an insignificant trace of iron.

The water is hard in character although not unduly so, contains no excess of saline or mineral matter insolution and is of satisfactory organic and and bacterial purity. It is, therefore considered wholesome in character and suitable for the purposes of a public supply.

Point of Sampling.	Galleywood P.S. Borehole.	Boarded Barns Estate Well	Kings Road Main
Date.	4. 11. 40	4.1140	4.11.40
Appearance.	Clear & Bright	Clear & Bright	Clear & Bright
Colour.	Normal	Normal	Normal
Odour	Nil	Nil	Nil
Reaction pH	Ft. Alkaline 8.5	Neutral 7.0	Neutral 7.3
Free Carbonic Acid	Nil	4.0	1.1
Electric Conductivity at 20°C	1535	700	590
Totals solids dried at 180°C	102.5	47.0	39.5
Chlorine in Chlorides.	30.0	2.7	5.9
Alkalinity as Calcium Carbonate	31.5	26.5	12.5
Hardness: Total	2.5	37.0	18.0
Temporary	2.5	24.5	10.5
Permanent	0.0	12.5	7.5
Nitrogen in Nitrates	0.0	0.74	0.40
Nitrites	Absent	Absent	Minute Trace
Free Ammonia	0.1150	0.0008	0.0072
Albuminoid Ammonia	0.0008	0.0	0.0052
Oxygen absorbed in 4 hrs. at 27°C	0.040	0.010	0.060
Metals	Iron: 0.067	Absent	Absent
Free Chlorine	Absent	Absent	Absent
Number of "Bacteria" growing on Agar per c.c. or ml in			
1 day at 37°C	1	[illegible]	3
2 days at 37°C	2	4	12
3 days at 20°C	8	17	* 18
Presumptive Coliform Reaction.	Absent from 100 c.c.	Absent from 100 c.c.	Present in 25 c.c. Absent from 10 c.c.
Bact. Coli.	Absent from 100 c.c.	100 c.c.	100 c.c.
Cl. Welchii Reaction. Absent from	100 c.c.	100 c.c.	100 c.c.

* Due to Coliform organisms of Intermediate Types 1 and 2

REPORTS.

Galleywood Pumping Station. Borehole

This is a normal and satisfactory sample. The water is clear and bright in appearance, soft in character, has a high but not excessive content of salinity and is of satisfactory organic and bacterial purity, indicative of a wholesome water, suitable for the purposes of a public supply.

Boarded Barns Estate well.

This sample is clear and bright and of normal colour. The water is very hard in character, although not to an excessive degree, contains no excess of saline or mineral matter in solution, no iron or other metals and is of a high standard of organic and bacterial purity.

These are satisfactory results indicative of a wholesome water, suitable for the purposes of public supply.

Kings Road Main.

This sample is clear and bright in appearance, contains no excess of saline or mineral matter in solution and no iron or other metals. The water has moderate hardness, and is of satisfactory organic and bacterial purity.

These results are consistent with a wholesome water, suitable for drinking and domestic purposes.

Point of Sampling.	Brockley Road Main
Date	4.11.40
Appearance	Slight opalescence-slight white mineral deposit. Turbidity: 5.5 p.p.m.
Colour:	Normal
Odour	Nil
Reaction pH	Neutral 7.5
Free Carbonic Acid	0.55
Electric Conductivity at 20°C	540
Total Solids dried at 180°C	36.0
Chlorine in Chlorides	6.8
Alkalinity as Calcium Carbonate	8.0
Hardness : Total	13.0
Temporary	6.0
Permanent	7.0
Nitrogen in Nitrates	0.40
Nitrites	Trace
Free Ammonia	0.0056
Albuminoid Ammonia	0.0088
Oxygen absorbed in 4 hrs. at 27°C	0.095
Metals	Iron: 0.005
Free Chlorine	Absent
Number of "Bacteria" growing on Agar per c.c. or ml in	
1 day at 37° C	0.0
2 days at 37 C	04.0
3 days at20°C	05.0
Presumptive Coliform Reaction	Absent from 100 c.c.
Bact. Coli Absent from	100 c.c.
Cl. welchii Reaction Absent from	100 c.c.

REPORT.

This sample has slight opalescence and deposit, consisting of mineral debris. The water is neutral in reaction, contains no excess of saline or mineral matter in solution and no metals apart from a negligible trace of iron. It is of moderate hardness, satisfactory organic quality and a high degree of bacterial purity.

The water is considered wholesome in character and suitable for drinking and domestic purposes except for the slight objection of the presence of a trace of suspended matter. The latter may be due to the disturbance caused by opening a standpipe for the collection of the sample and be therefore simply a sampling effect.

Owing to the war, no extensions of the water supply have been carried out during the year.

A portable Hypochlorinator has been purchased to deal with any contamination which may occur through enemy action.

DRAINAGE AND SEWERAGE.

(a) New soil sewers have been laid in the following roads, etc:-

Un-named road fronting Rainsford School.
In the Public Footpath and in a field between the western end of Skerry Rise and the eastern end of Woodhall Road.

(b) A New surface water sewer has been laid across Roxwell Road and along the eastern boundary of Admirals Park for the full length of the Water Department property at the Water Tower.

(c) New soil and surface water sewers have been laid from Chelmer Road to the northern boundary of the houses on Park Farm Estate.

Items (a) and (b) have been undertaken by the Corporation and the remaining item by private developer.

SEWERAGE WORKS.

The quantity of sewage flowing to the Works is bordering on the peak capacity for which the works were designed, and considerably exceeds this during wet periods.

RIVERS AND STREAMS.

A close watch is kept on the rivers within the Borough, and all possible steps taken to prevent pollution.

PUBLIC CLEANSING.

There has been no alteration in the method of refuse collection and disposal during the year. The Refuse Tip has been further extended and land prepared for tipping.

NUMBER OF NEW HOUSES ERECTED DURING THE YEAR.

(i)	By the Local Authority	Nil
(ii)	By other Local Authorities	Nil
(iii)	By other Bodies or persons	91
	Total	91

1. INSPECTIONS OF DWELLING HOUSES DURING THE YEAR.

(1)	(a) Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts)	300
	(b) Number of Inspections made for the purpose.	895
(2)	(a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Amendment Regulations	12
	(b) Number of inspections made for the purpose.	197
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Suspended.
(4)	Number of dwelling-houses(exclusive of those referred to under the preceeding sub-head) found not to be in all respects reasonably fit for human habitation	136

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICE.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers.. 118

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

A. Proceedings under Sections 9,10 and 16 of the Housing Act, 1936.

(1) Number of dwelling houses in respect of which notices were served requiring repairs 9

(2) Number of dwelling-houses which were rendered fit after service of formal notices:-

(a) By owners .. .. Nil

(b) By the Local Authority in default of owners .. 1

B. Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied.. .. 1

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:-

(a) By Owners 1

(b) By the Local Authority in default of the owner. Nil

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936.

(1) Number of dwelling-houses in respect of which demolition orders were made .. .. Nil

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders.. .. .. Nil

D. Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made .. .. Nil

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .. .. Nil

MILK SUPPLY.

Frequent inspections of cowsheds, dairies and milkshops are made by the Sanitary Inspector, in addition to the bi-monthly inspections by the Veterinary Inspector.

MEAT AND OTHER FOODS.

The Veterinary Inspector receives notices of slaughter under the Public Health (Meat) Regulations, 1924, and inspects carcases.

The Sanitary Inspector supervises slaughterhouses, butchers' shops and other places where food is prepared. (See Report of the Sanitary Inspector, page 23).

FACTORIES ACT, 1937

1. - INSPECTIONS FOR THE PURPOSES OR PROVISIONS AS TO HEALTH.

Including Inspections made by the Sanitary Inspector.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Occupiers Prosecuted (4)
FACTORIES with mechanical power ..	44	3	-
FACTORIES without mechanical power	24	2	-
OTHER PREMISES under the Act (including works of building and engineering construction but not including outworkers' premises)..	-	-	-
Total	68	5	-

2. - DEFECTS FOUND.

Particulars (1)	Number of Defects			Number of defects in respect of which prosecutions were instituted. (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector. (4)	
Want of Cleanliness	2	2	-	-
Overcrowding	-	-	-	-
Unreasonable Temperature ..	-	-	-	-
Inadequate ventilation ..	-	-	-	-
Ineffective draining of floors	1	1	-	-
Sanitary Conveniences -				
Insufficient	2	3	-	-
Unsuitable or defective ..	2	1	-	-
Not separate for sexes ..	1	1	-	-
Other Offences .. .. (NOT including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Power) Order 1921 and re-enacted in the Third Schedule to the Factories Act, 1937.)	2	2	-	-
Total	10	10	-	-

NUTRITION.

Any necessary advice on this subject is given at the various clinics. Malmutrition remains uncommon in the Borough.

TYPHOID IMMUNISATION.

In a letter dated 13th August, 1940 the Ministry of Health recommend immunisation against Organisms of the Typhoid group in certain areas. Advantage was taken of this and the main works and borough undertakings, e.g. Gas, Water, A.R.P. Services were advised to avail themselves of this Scheme. A good response followed and Friday evening was devoted to the work throughout the winter months.

DIPHTHERIA IMMUNISATION

The Borough had throughout the year a scheme in hand for mass immunisation against Diphtheria; in Schools for school children, and at the Maternity and Child Welfare and Minor Ailment Clinics for toddlers and adults. The response was good. When the Ministry of Health 2230 was circulated on 10th December 1940, no increased drive seemed necessary in this direction and only three cases of diphtheria were reported in the Borough during the year, no death occurring.

CEREBRO-SPINAL MENINGITIS.

An increase in the incidence of cerebro-spinal meningitis was noted but these were mainly isolated ones and not connected with each other. The movements of certain masses of population at that time may have been a contributing factor. Modern therapy with M & B 693 was actively employed and I am to report no case died from this disease in the Borough.

SCARLET FEVER.

The number of cases notified during the year was 19.
This disease calls for no further comment for the present year.

MEASLES AND INFLUENZA.

There would seem to have been a big increase in the incidence of Measles during 1940 but as Lord Horder has said in his address, "The Modern Troglodyte" - "The influenza curve scarcely reached a level which we could dignify by the term 'epidemic'."

It is more apparent by reason of the Notification of Measles and Whooping Cough now in force since 1939. However, it is my opinion the figure for Chelmsford should have been even higher as it may be possible that many of the busy Practitioners were not fully alive to the change in notification. Steps will be taken to remind them again before the coming winter.

VACCINATION.

No vaccinations have have been performed by the Medical Officer of Health.

PUBLIC VACCINATORS

C. W. Alford, Esq., M.D., 68 Duke Street, Chelmsford.
R. W. Willcocks, Esq., M.B. 194 Springfield Road, Chelmsford.
J. T. Whiteley, Esq., M.B. 48 New London Road, Chelmsford.

TUBERCULOSIS.

The notified cases are shown on page 21 of this report.

MORTUARIES.

A Circular from the Ministry of Health 1779 was received and a Special Meeting held on 17th May, 1940 to discuss it. As a result collaboration with the Chelmsford Rural District Council was made and suitable premises opened under the conjoined Committee for A. R. P. for the Borough and Rural Districts.

GENERAL HEALTH.

The standard of health in the Borough continues to remain at a high level in spite of circumstances which would be expected directly to influence body and muscle tone. Black-out nights and the contributory causes which are part of a war-time programme seem to be offset by the activities of the local population in improving themselves by exercise, games and sport where possible and, thus it is that the parks and swimming pool play their part in the war effort. Many improvements could be suggested but the present time is not considered opportune.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1940.

Disease.	Total Cases.	Under One Year.	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	Over 65	Cases Admitted to Hospital.	Total Deaths.	Total Cases Notified.			
																North Ward.	South Ward.	East Ward.	West Ward.
Scarlet Fever	19	-	-	1	2	-	5	2	6	2	-	-	1	11	-	3	6	5	5
Diphtheria	3	-	-	-	1	-	-	-	-	2	-	-	-	2	-	-	1	1	1
Puerperal Pyrexia	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-	2	1	-	-
Pneumonia	8	-	-	-	-	-	2	-	-	-	2	3	1	2	-	3	3	-	2
Erysipelas	9	-	-	-	-	-	-	-	-	1	-	7	1	2	-	2	4	2	1
Whooping Cough	33	2	5	3	5	7	8	2	1	-	-	-	-	-	-	13	10	2	8
Ophthalmia Neonatorum	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Para-Typhoid B	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	-	-
Acute Encephalitis Lethargica	1	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1
Measles.	112	4	8	9	12	12	61	4	-	2	-	-	-	-	-	62	27	3	20
Cerebro-spinal Meningitis.	7	-	-	-	-	1	3	1	1	1	-	-	-	7	-	1	1	4	1
Totals.	197	7	13	13	20	20	80	9	9	11	2	10	3	26	-	86	55	17	39

TUBERCULOSIS.

New Cases and Mortality during 1940.

	New Cases				Deaths.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory.	
	Male	Fe-Male	Male	Female	Male	Fe-Male	Male	Female.
Under 1 year..	-	-	-	-	-	-	-	-
1 to 5 years..	-	-	-	-	-	-	-	-
5 to 15 years.	-	-	-	-	-	-	-	-
15 to 25 " ..	3	1	-	-	-	-	-	-
25 to 35 " ..	3	3	1	-	2	2	-	-
35 to 45 " ..	1	1	-	1	-	3	-	-
45 to 55 " ..	2	3	-	-	1	-	-	-
55 to 65 " ..	1	2	-	-	1	-	-	-
Over 65 years.	1	-	-	-	-	-	-	-
Totals	11	10	1	1	4	5	-	-

Non-notified Tuberculosis Deaths 4
Total Tuberculosis deaths 13

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS 1930.
Statement of Particulars of Cases of Tuberculosis, compiled from the Register for the year ended 31st December, 1940.

	Pulmonary			Non-Pulmonary			Pulmonary and Non-Pulmonary TOTAL.
	Males	Fe-Males	Total	Males	Fe-Males	Total	
(1) Number of Cases on the Register on the 1st. January, 1940.	77	48	125	30	32	62	187
(2) Number of cases NOTIFIED to me under the Regulations for the first time during the year.	6	6	12	1	-	1	13
(3) Number of cases added to the Register during the year which have been brought to my notice otherwise than by notification.	1	2	3	-	-	-	3
(4) Number of Cases removed from the Register during the year.	6	7	13	1	-	1	14
(5) Number of cases remaining on the Register on the 31st December, 1940.	78	49	127	30	32	62	189

OPHTHALMIA NEONATORUM

Cases			Vision Unimpaired	Vision Impaired	Total Blindness	Deaths.
Notified	Treated					
	At Home	In Hospital.				
1	1	-	1	-	-	-

REPORT OF THE CHIEF SANITARY INSPECTOR.

R. F. WYNN, M.S.I.A., C.R.S.I.

Public Health Department,
Coval Lane,
Chelmsford.

July, 1941.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE BOROUGH OF CHELMSFORD.

Mr. Mayor, Gentlemen,

I have the honour of presenting the following abbreviated report on the work carried out during 1940.

Summary of Sanitary Work carried out as a result of Notices Served or Recommendations made.

Informal notices issued:-

Dwelling Houses:-

Housing Act	6
Public Health Act	130
Food & Drugs Act, 1938.	11
Milk & Dairies Order, 1926	7
Rats and Mice Destruction Act.	7
Notices complied with.	126
Houses reconditioned.	13
Sinks provided.	10
Insanitary sinks abolished..	14
Defective sink, bath and lavatory waste pipes repaired or renewed	24
Dust bins provided	28
Roofs, eaves gutters, chimneys repaired	30
Coppers repaired or renewed.	1
Firegrates repaired or renewed	8
Drainage repairs or additions	31
Houses redrained	1
New W.C.'s provided	3
W.C.'s repaired	24
Insanitary W.C. pans abolished	1
Dilapidated W.C. rebuilt	1
Floors repaired or renewed..	7
Doors and other woodwork repaired..	7
Wall, ceilings and plasterwork repaired	13
External Brickwork repaired.	12
Dampness remedied	14
Houses cleansed	7
Windows repaired or enlarged	21
Sash Cords repaired	25
Water supplies improved	16
Accumulations of refuse removed	7
Observations in connection with Smoke Nuisances.. ..	6

HOUSING ACT, 1936

Particulars of housing inspections are given in the Medical Officer of Health's Report on pages 15 and 16. It has been impossible under present conditions to keep a proper check on overcrowding figures but it can be readily appreciated that the influx of population and billeting are greatly adding to numbers of overcrowding conditions.

VERMINOUS HOUSES

27 houses have been disinfested.

Treatment is carried out according to the suitability for Hydrogen Cyanide gas, Sulphur Dioxide mixtures and/Or spraying, following removal of picture rails, skirtings, architraves and wall paper.

Fumigations are carried out by this department except when Hydrogen Cyanide is used, when a contractor who specialises in this work is employed.

Following disinfestation, visits are paid to ensure that the premises are vermin free, and precautions taken to prevent re-infestation.

BAKEHOUSES.

22 visits have been made to bakehouses. In 2 cases it has been necessary to request the occupiers to thoroughly cleanse and lime-wash, otherwise they are well kept.

FACTORIES AND WORKSHOPS.

68 visits have been paid. 10 defects were found and have been brought to notice.

COWSHEDS, DAIRIES AND MILKSHOPS.

34 visits to cow-sheds and 89 visits to dairies and milkshops have been made and improvements effected.

The following samples of milk were obtained and submitted for bacteriological examination:-

Tuberculin Tested	-	15
Accredited		7
Ordinary		21
Bottle Rinsings		2

ICE CREAM - ESSEX COUNTY COUNCIL ACT, 1933.

82 persons are on the register as vendors, manufacturers, &c. Regular visits are paid to ensure cleanliness and suitability of premises.

SLAUGHTERHOUSES AND BUTCHERS SHOPS.

41 visits to slaughterhouses and 20 to butchers shops have been made.

FOOD CONDEMNED AND SURRENDERED.

Butter	18 lbs.
Margarine	6 lbs.
Fish	248 lbs.
Tinned Food Various	54
Sausages	24 lbs.
Bacon	175 lbs.
Cooking Fat	82½ lbs.
Cheese	64 lbs.

Bacteriological examinations have been carried out in connection with a sample of Marmalade.

COMMON LODGING HOUSES.

The two Common Lodging Houses are closed, the Council having refused to renew the licences on account of the insanitary condition of the premises.

OFFENSIVE TRADES.

9 visits have been made to fish fryers and cleansing has been carried out. Conditions are only fair at these premises. Modern fume consuming appliances would make considerable improvement.

DISINFECTION, Etc.

Where cases of notifiable diseases occurred, the bedding and clothing were removed to the Joint Hospital Board's disinfecting station for disinfection.

161 books from the Public Library were disinfected during the year.

CHELMSFORD SWIMMING BATH.

The water of this bath is sampled periodically and the examinations give very satisfactory results.

RATS AND MICE (DESTRUCTION) ACT, 1919.

Constant attention has been given to rat infestations throughout the year. 5 written notices have been served in addition to many verbal and advisory visits made. Farms, food premises and dumps receive particular attention.

PETROLEUM ACTS.

The situation of petroleum storage is controlled for the time being by the petroleum board in conjunction with requirements of the Military Authorities.

I have the honour to be,

Mr. Mayor, Gentlemen,

Your obedient Servant,

R. F. WYNN.

Chief Sanitary Inspector.

REPORT OF THE VETERINARY INSPECTOR 1940

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE BOROUGH OF CHELMSFORD.

Mr. Mayor and Gentlemen,

I have much pleasure in submitting the following concentrated report in connection with my duties as Vterinary Inspector to the Borough during the year ended 31st December, 1940.

The Contagious Diseases of Animals Acts are administered by the Divisional Veterinary Officer of the Ministry of Agriculture.

SLAUGHTERHOUSES

The number of animals slaughtered in the Borough for human food during the year 1940 was approximately:-

	1939	1940
Beasts	3,403	3,981
Sheep	12,901	17,751
Calves	369	8,374
Pigs	5,838	8,969

FOOD CONDEMNED AND SURRENDERED.

	1937	1938	1939	1940
Sheep	1	1	4	50
Pigs	18	10	10	73
Beasts..	4	5	8	103
Livers..	230	365	273	784
Heads	135	141	141	573
Lungs	119	170	161	866
Tinned Livers..	-	80 lbs.	140	-
Calves..	-	-	-	30
Tails	-	-	-	2
Spleens.	-	-	-	44
Udders..	-	-	-	4
Plucks..	-	-	-	711
Beef	-	-	-	14,841½ lbs.
Kidneys.	-	-	-	23
Offal	-	-	-	7,682 lbs.
Pork	-	-	-	1,059 lbs.
Gut Fat.	-	-	-	1½ lbs.
Hearts..	-	-	-	99 ..
Tongues.	-	-	-	114
Mutton..	-	-	-	221 lbs.
Rabbits.	-	-	-	12

Three Slaughterhouses viz. Springfield Road, Mildmay Road, and Coval Lane have been taken over by the Ministry of Food. These have been visited twice every day, once on Sundays and a very great many other times for emergency slaughtering.

The old Slaughterhouses are only used for War Casualties or on special occasions by permission of the Ministry. Cattle condemned under the Tuberculosis Order are sent to Harrison & Barber's slaughterhouse with the exception of any in very good condition. These are then examined by the Inspector of the Ministry of Agriculture who sent them in - and by myself. Any portions of them that are quite free from disease are used for manufacturing purposes. All condemned meat is stained with blue dye and removed by Messrs. Curley & Co. under contract with the Ministry.

Horse Flesh

No horses are slaughtered in the town for human food.

MARKET.

The Corporation Market has been regularly attended on each market day and fair day, and all animals deposited or exposed for sale have been examined.

The market was closed for a short time for store pigs owing to outbreaks of Swine Fever.

ANIMALS SENT OUT OF MARKET 1940

3. 5.40	1 Cow - Tuberculosis
31.5.40	1 Bullock - Tuberculosis
18.8.40	2 Cows - Tuberculosis
	1 Pig - Died (not anthrax)
23.8.40	5 Cows - Tuberculosis
11.10.40	1 Cow - Tuberculosis
18.10.40	3 Cows - Tuberculosis

In one case the owner was prosecuted for not notifying tuberculosis. He was convicted and fined.

ANIMALS EXPOSED FOR SALE IN 1937, 1938, 1939 AND 1940.

	1937	1938	1939	1940
Fat Pigs	23,354	30,328	24,641	15,475
Store Pigs.	19,313	22,767	16,190	4,195
Rams	316	300	353	340
Fat Sheep..	14,145	17,570	16,475	15,968
Store Sheep	13,234	10,159	10,927	13,548
Lambs	715	781	430	653
Bulls	655	809	1,002	303
Fat Beasts.	6,585	6,021	6,535	1,953
Store Beasts	12,626	13,109	14,582	6,682
Dairy Cows.	3,830	4,173	4,402	3,810
Classified Beasts. ..	457	781	413	
Fat Calves.	317	225	382	279
Store Calves	6,845	7,288	8,277	7,151
Horses	655	686	656	628
Goats	2	9	21	6

58 Sows and 460 Pigs.

There is a marked improvement in the quality of cattle exposed for sale.

The following figures may be of interest:-

	1937	1938	1939	1940
Poultry	90,372	87,756	78,546	69,710
Tame Rabbits	809	914	1,168	4,603
Wild Rabbits	12,199	11,470	8,879	9,318
Day-old Chicks	110,359	111,240	158,360	110,531
Eggs	4,685,300	4,498,563	4,228,820	2,885,926

Special Sales:-

7. 8.40 . ..	5 Bulls
	15 Store Beasts
	9 Store Calves
	81 Cows
17.9.40	41 Cows
30.10.30	36 Bulls